

Panasonic

Operating Instructions

SA6



EB-SA6
Mobile Phone

GSM
TM

*Before operating this handset, please read these instructions completely.
Charge battery before operation.*

SA6 Operating Instructions

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Introduction

Thank you for purchasing this Panasonic digital cellular phone. This phone is designed to operate on GSM networks – GSM900, GSM1800 and GSM1900. It also supports GPRS for packet data connections. Please ensure the battery is fully charged before use. We, Panasonic Mobile Communications Development of Europe Ltd., declare that the EB-SA6 conforms with the essential and other relevant requirements of the directive 1999/5/EC. A declaration of conformity to this effect can be found at <http://panasonic.co.jp/pmc/products/en/support/index.html>

Safety considerations

The following information should be read and understood as it provides details, which will enable you to operate your phone in a manner which is both safe to you and your environment, and conforms to legal requirements regarding the use of cellular phones.

Power



This equipment should only be charged with approved charging equipment to ensure optimum performance and avoid damage to your phone. Other usage will invalidate any approval given to this apparatus and may be dangerous. Ensure the voltage rating of the Travel charger is compatible with the area of use when travelling abroad. A Travel charger (EB-CA001xx*) is supplied with the Main Kit.

Note* xx identifies the charger region, e.g. CN, EU, UK, AU, US.

Battery



Use of another battery pack than that recommended by the manufacturer may result in a safety hazard.

If you use a feature which keeps the key backlight on continuously for a long time, such as a game or browser, battery life will become extremely short. To maintain longer battery life, set the Key backlight to off. (See “Key backlight” on page 97.)

Do not use this phone without the battery cover attached.

Introduction

Disposing of the Battery



Do not incinerate or dispose of the battery as ordinary rubbish. The battery must be disposed of in accordance with local regulations and may be recycled.

Aircraft



Switch off your cellular phone when in an aircraft. Ensure that the settings of the alarm functions will not contravene regulations whereby it may automatically power on when in an aircraft or medical facility etc. The use of cellular phones in an aircraft may be dangerous to the operation of the aircraft, disrupt the cellular network and may be illegal. Failure to observe this instruction may lead to the suspension or denial of cellular phone services to the offender, or legal action or both.

Do Not Use



It is advised not to use the equipment at a refuelling point. Users are reminded to observe restrictions on the use of radio equipment in fuel depots, chemical plants or where blasting operations are in progress. Never expose the battery to extreme temperatures (in excess of 60°C).

Driving



It is imperative that the driver exercises proper control of the vehicle at all times. Do not hold a phone while you are driving; find a safe place to stop first. Do not speak into a handsfree microphone if it will take your mind off the road. Always acquaint yourself thoroughly with restrictions concerning the use of cellular phones within the area where you are driving and observe them at all times.

Electronic Devices



Care must be taken when using the phone in close proximity to personal medical devices, such as pacemakers and hearing aids.

Heating Equipment



When your handset, the accompanying battery or charging accessories are wet, do not put those in any type of heating equipment, such as a microwave oven, a high pressure container, or a drier or similar. It may cause the battery, handset and/or charging equipment to leak, heat up, expand, explode and/or catch fire. Moreover, the product or accessories may emit smoke and their electrical circuits may become damaged and cause the products to malfunction. Panasonic is not responsible for any and all damages, whether direct or indirect, howsoever caused by any misuse.

Backup Copies & Security



It is recommended that you create a copy or backup, as appropriate, of any important information and data which you store in your phone's memory. In order to avoid accidental loss of data, please follow all instructions relating to the care and maintenance of your phone and its battery.

Your phone has the capability of storing and communicating personal information. It is recommended that you take care to ensure that any personal or financial information is stored separately from your phone. You should use security features, such as the SIM lock to protect information held in your phone. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss of revenue).

Introduction

Downloading



Your phone has the capability of downloading and storing information and data from external sources. It is your responsibility to ensure that in doing this you are not infringing any copyright laws or other applicable legislation. Panasonic accepts no liability for any and all losses howsoever arising from any loss of data or any such infringement of copyright or intellectual property rights, including but not limited to direct and indirect losses (to include, but not limited to consequential loss, anticipated savings, loss or revenues).

Efficient Use



For most efficient use, hold the phone as you would any normal phone. To avoid deterioration of signal quality or antenna performance, do not touch or “cup” the antenna area while the phone is switched on. Unauthorised modifications or attachments may damage the phone and violate applicable regulations. The use of an unapproved modification or attachment may result in the invalidation of your guarantee – this does not affect your statutory rights.

Camera



You are advised to take appropriate care over the use of the internal camera. It is your responsibility to ensure that you have permission to take photographs of people and objects and that you do not infringe any personal or third party rights when using the camera. You must comply with any applicable international or national law or other special restrictions governing camera use in specific applications and environments. This includes not using the camera in places where the use of photographic and video equipment may be prohibited. Panasonic accepts no liability for any and all losses howsoever arising from any infringement of copyright or intellectual property rights, including but not limited to direct and indirect losses. Do not leave the camera facing direct sunlight, as this may impair its performance.

Other important information

The colour liquid crystal display (LCD) uses high-precision production technology, and in certain circumstances pixels may appear brighter or darker. This is due to characteristics of the LCD and is not a manufacturing defect.

This phone is designed, manufactured and tested to ensure that it complies with the specifications covering RF exposure guidelines applicable at the time of manufacture, in accordance with EU, USA FCC and Australian ACA regulations.

This phone should only be used with Panasonic approved accessories to ensure optimum performance and avoid damage to your phone. Panasonic is not responsible for damage caused by using non-Panasonic approved accessories.

This phone must be used in compliance with any applicable international or national law or any special restrictions governing its use in specified applications and environments. This includes but is not limited to use in hospitals, aircraft, whilst driving and any other restricted uses.

Some of the contents described in this manual are subject to change without notice.

Information on Disposal for Users of Waste Electrical & Electronic Equipment (private households)



This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

 For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated collection point. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.

Information on Disposal in other Countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Care and maintenance



Pressing any of the keys may produce a loud tone. Avoid holding the phone close to the ear while pressing the keys.



Extreme temperatures may have a temporary effect on the operation of your phone. This is normal and does not indicate a fault. The display quality may deteriorate if the phone is used in environments over 40°C for a long time.



Do not modify or disassemble the equipment. There are no user serviceable parts inside.



Do not subject the equipment to excessive vibration or shocks. Do not drop the battery.



Avoid contact with liquids or moisture. If the equipment becomes wet, immediately remove the battery and charger. Keep the phone dry.



Do not leave the equipment in direct sunlight or a humid, dusty or hot area. Never throw a battery into a fire. It may explode.



Keep metallic items that may accidentally touch the terminals away from the equipment/battery. Batteries can cause property damage, injury, or burns if terminals are touched with a conductive material (i.e. metal jewellery, keys, etc.).

Introduction



Always charge the battery in a well ventilated area, not in direct sunlight, between +5°C and +35°C. It is not possible to recharge the battery if it is outside this temperature range.



When connecting the phone to an external source, read the operating instructions of the equipment for the correct connection and safety precautions. Ensure the phone is compatible with the product it is being connected to.



When disposing of any packing materials or old equipment, check with your local authorities for information on recycling.

SAR

THIS MODEL MEETS INTERNATIONAL GUIDELINES FOR EXPOSURE TO RADIO WAVES and the requirements of the EU Directive 1999/5/EC.

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. These guidelines also form the basis of international regulations and standards on RF Exposure.

The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2 W/kg and the highest SAR value for this device when tested at the ear, for compliance against the standard, was 0.802 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body as described in the user guide. For body worn operation, this phone has been tested and meets the RF exposure guidelines when used with a Panasonic accessory designated for this product or when used with an accessory that contains no metal and that positions the handset a minimum of 1.5cm from the body. In this case, the highest tested SAR value is 0.39 W/kg.

As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to communicate with the network.

Introduction

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a 'hands-free' device to keep the mobile phone away from the head and body.

Additional Information can be found on the websites:

World Health Organization (<http://www.who.int/emf>)

ICNIRP (<http://www.icnirp.org>)

Panasonic (<http://panasonic.co.jp/pmc/products/en/support/index.html>)

About this manual

Symbols used in this manual

The following symbols are used in this manual to represent the limited availability of the function or service.



= Depending on your SIM card.



= Depending on network availability.



= Depending on your network operator. The service may only be available on a subscription basis.

Graphics

The graphic elements in this manual are for illustrative purposes and may differ from the actual phone and/or graphic elements displayed on the phone. Panasonic reserves the right to change the information in this manual without prior notice.

Keys

Keys in this manual may differ from the actual keys on your phone. Refer to page 16 for the icons that represent the keys in this manual.

How to read this manual

<Example> Fixed dial in Settings menu on page 116.

This function is SIM card dependent. For other symbols, refer to page 11.

Fixed dial



When Fixed dial is enabled, only the phone numbers stored in SIM Contacts can be dialled. Any manually dialled phone numbers must match the phone numbers in SIM Contacts.

To store, edit or delete phone numbers in SIM Contacts, you need to enter your PIN2 code.

➡ Main menu > **Settings** > **Security** > **Fixed dial**

1. Select **Enable** or **Disable**
2. Enter the PIN2 code (4-8 digits) → [●]/[□] (Ok)

➡ Menu navigation

Before following the steps, you need to enter Main menu, then move through the sub menus, described next to the ➡ icon. ">" means "scroll through the menu and select".

In the example:

From Main menu, press Navigation key (up/down/left/right) to scroll to **Settings** and press Navigation key (centre). Press Navigation key (up/down) to scroll to **Security** and press Navigation key (centre) or Left Soft key (Select)*¹. Press Navigation key (up/down) to scroll to **Fixed dial** and press Navigation key (centre) or Left Soft key (Select)*¹. You can also select **Fixed dial** by pressing [3].

Now you can continue onto the step 1:

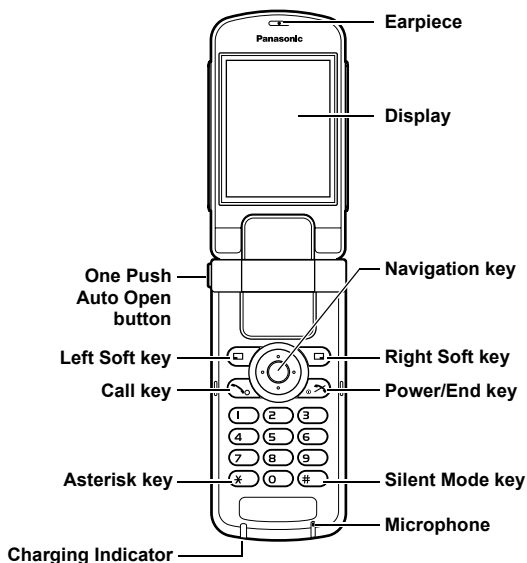
1. Press Navigation key (up/down) to scroll to **Enable** or **Disable**, then press Navigation key (centre) or Left Soft key (Select)*¹
2. Enter the PIN2 code (4-8 digits), then press Navigation key (centre) or Left Soft key (Ok)*¹

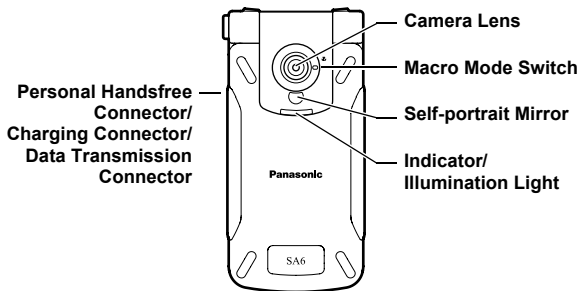
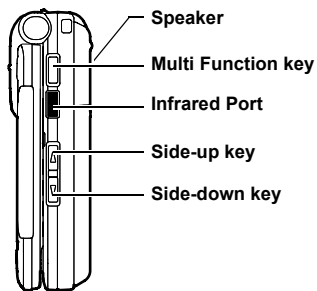
*¹ The word is shown in the lower left hand corner of the display, indicating a command that the key gives to the phone when you press it.

Note: There are several ways to select items from menu lists. See "Menu selection method" on page 30.

About Your Phone

Phone overview





Key functions

Key name	Function	Key icon*1
Navigation key	Press outside edges to scroll up [▲], down [▼], left [◀] or right [▶] to move through menus and text. Press centre [●] to select option, perform Alert mute, or take a picture or record a video clip in Camera mode.	
Left Soft key	Perform the functions indicated by the text shown in the lower left-hand corner of the display.	
Right Soft key	Perform the functions indicated by the text shown in the lower right-hand corner of the display.	
Call key	Make or answer a call.	
Power/End key	Press and hold to switch the phone on/off. End or reject a call. Return to standby mode.	
Numeric keys	Enter numbers and characters. Press and hold [2]-[9] for Speed dialling. Press and hold [0] to enter the international prefix (+).	[0] to [9]
Asterisk key	Enter “*”. In text entry mode, press to change the letter case, or press and hold to change the input method.	[*]
Silent Mode key	Enter “#”. Press and hold to switch the Silent mode on/off. While entering a phone number, press and hold to enter a pause (p).	[#]
Side-up key*2	Scroll page up. Increase volume or zoom level. Perform Alert mute.	
Side-down key*2	Scroll page down. Decrease volume or zoom level. Perform Alert mute.	

Key name	Function	Key icon* ¹
Multi Function key*²	Take a picture or record a video clip in Camera mode. Perform Alert mute.	[📷]

*¹ The key icons given in the table represent the actual keys on the phone.

*² Located on the right side of the phone.

Quick keys

You can easily access features instead of navigating through the menus.

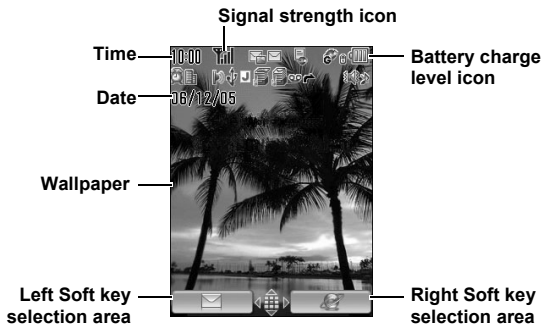
	Key	Function
In standby mode		
Short press	[🔴]	Open Main menu/Keyguard off
	[📧]	Open Messages menu
	[🌐]	Open Browser
	[▲]/[▼]/[◀]/[▶]	Open the shortcut menu
	[📞]	Open Call log
	[🔊]/[🔇]	Increase/decrease the volume
Long press	[🔴]	Keyguard on
	[1]	Dial your voice mailbox
	[2]-[9]	Speed dial
	[#]	Silent mode on/off
	[📷]	Switch to Picture mode

About Your Phone

	Key	Function
During a call		
Short press	[▲]/[▶]/[📶]	Increase the volume
	[▼]/[◀]/[📶]	Decrease the volume
	[📶]	Start/stop sound recording
	[📶]	Switch between hold and unhold on one call or switch between one active and one held call
In Menu list		
Short press	[1]-[9]	Select Menu 1-9
	[✖]	Select Menu ✖
	[0]	Select Menu 0
	[#]	Select Menu #

Display

Standby display



Note: The current operator name is shown on standby display. You can change the position of the operator name. See “Operator name” on page 101.

Status icons

The status icons are displayed or animated according to the currently activated functions.

Icon	Meaning
	Signal strength; the more bars visible, the stronger the signal
	In roaming area
	Battery charge level
	Battery is charging
	GPRS is available
	Silent profile is active
	Meeting profile is active
	Outdoor profile is active
	Car profile is active
	SMS message storage area is full
	MMS message storage area is full
	Java™ application is suspended
	Unread SMS message
	Unread MMS message
	Unread WAP Push message
	Call diverts is on
	Infrared is active

Icon	Meaning
	USB connection is available
	New voicemail received
	All tones are off
	Vibration alert is on
	Alarm is set
	Non-secure CSD connection
	Secure CSD connection
	Non-secure GPRS connection
	Secure GPRS connection
	Keyguard is on

DRM

Your phone has DRM (Digital Right Management) that is used to control actions such as sending downloaded ringtones, graphics and sound clips to other people. Files downloaded and indicated by the icon () can be used with restriction enforced by suppliers. The restriction includes use of such files for a limited period of time only or specified number of times.

To check the status of your rights, e.g. expiration date or number of the time it can be used, see **Details** setting on page 131, 135 and 142. For further information, contact your service provider.

Indicator/Illumination Light

The Indicator/Illumination Light flashes or beams when the events in the table below occur.

To specify the illumination colours for the events, see “Illuminations” on page 96.

Events	Description
When you are receiving a call/ missed calls	Flash or beam in the selected colour.
When you receive an SMS/MMS message	To set a different illumination colour for respective contacts, see “Storing a contact in your phone” on page 48.
When you receive a WAP Push message	Flash or beam in the selected colour.
When you are having a conversation	
When the flip is closed	
When the battery is charging	Flash in the specified colour.
When data is being transferred	
Schedule notification	Beam in the specified colour. See “Creating Calendar events” on page 125 or “Setting the alarm” on page 119.
Alarm	

Note: If the Indicator/Illumination Light is set to on for battery charging and the phone is switched on, the Indicator/Illumination Light illuminates during charging. If the phone is switched off, the Indicator/Illumination Light will not illuminate.

Getting Started

Installing the SIM card and the battery

The SIM (Subscriber Identity Module) card and the battery must be installed before using your phone.

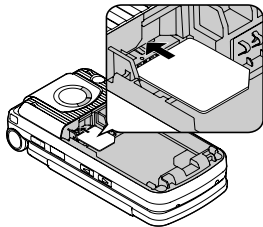
Before handling the SIM card and the battery, ensure that the phone is switched off and the charger is disconnected from the phone.

Inserting/removing the SIM card

See “Inserting/removing the battery” on page 24 to remove the battery cover and the battery.

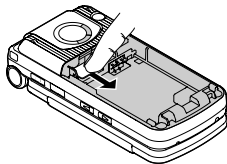
Inserting the SIM card

Position the SIM card as shown, with gold contacts facing down and the notched corner turned to the right. Carefully slide the SIM card into the SIM card pocket until fully inserted.



Removing the SIM card

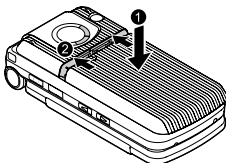
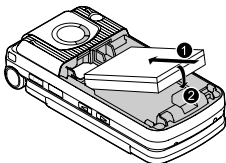
Place a finger on the bottom edge of the SIM card and gently slide it out.



Inserting/removing the battery

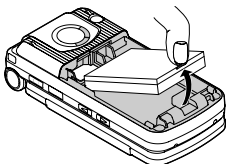
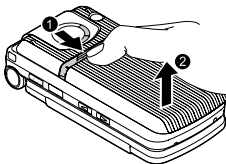
Inserting the battery

1. Insert the small tabs at the top of the battery into the notch at the top of the battery compartment. Ensure the 3 gold contacts align with the 3 gold pins in the phone.
2. Replace the cover on the phone. Make sure the cover clicks into place.



Removing the battery

1. Place your finger on the arrow at the top of the cover. Slide the cover slightly toward the bottom of the phone, then lift the cover off the phone.
2. Place your finger on the tab at the base of the battery. Lift the battery off the compartment.



Charging the battery

Your phone can be charged either when it is switched on or off. You can use your phone even while it is charging.

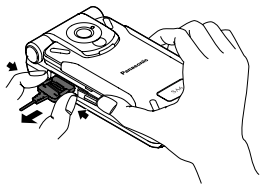
Ensure that the battery is inserted into the phone before charging.

1. Open and hold the connector cover.

Connect the charger to Charging Connector, then connect the charger to the mains power supply.



2. When charging is complete, disconnect the charger from the outlet before removing the plug from the phone. Then hold the connector cover and press and hold the release buttons on both sides of the connector's end and pull gently to disconnect the charger from the phone.



After you have removed the Charging Connector, replace the connector cover over the socket.

Note: DO NOT force the connector as this may damage the phone and/or the charger.

If the battery has been deeply discharged, it may take several minutes before the Battery charge level indicator is displayed.

Battery charge level indicator

While charging	Charging complete
	

Charging Indicator goes out when charging is completed.

Low battery warning

When the battery power is low, a “**Battery low**” message is displayed and a warning tone sounds. The phone automatically switches off after the tone. Fully recharge the battery. If you receive the low battery warning during a conversation, charge your phone to continue with the conversation.

Opening/closing the phone

You can open your phone by pressing One Push Auto Open button.

One Push
Auto Open
button



Flip setting

When **Active flip** setting is set to **On** (see page 106), you can answer a call by opening the phone and end a call by closing the phone.

When **One push SMS** setting is set to **On** (see page 71), new SMS messages can be displayed by opening the flip.

Switching the phone on/off

1. Press and hold [Ⓜ] for several seconds to switch the phone on
A greeting may be displayed and the phone enters standby mode.
2. Press and hold [Ⓜ] for several seconds to switch the phone off

Note: If your SIM card is PIN protected, your PIN code will be requested. Enter the PIN code and [●]/[□] (Ok). See “Security” on page 115.

DO NOT switch off the phone while resetting/downloading/deleting a file or running/terminating a Java™ application.

Menu Navigation

Main menu structure



Games

Games	142
Download* ¹	144
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My Media

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Calendar 123



Camera

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Messages

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Service numbers* ¹ * ²	56



Settings

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Displaying the menu

The menu system allows you to access functions which do not have their own dedicated buttons on the keypad.

In standby mode:

1. [●]

Main menu appears with 9 menu options. (See “Main menu structure” on page 28.)

2. [▲/▼/◀/▶] to scroll to the required menu → [●]/[□] (Select)

To go back to Main menu:

1. [□] (Back) repeatedly until Main menu screen appears



Shortcut: To jump to and open one of the 9 application items, simply press the Numeric key corresponding to the required item's location. The numbering system is:

1	2	3
4	5	6
7	8	9

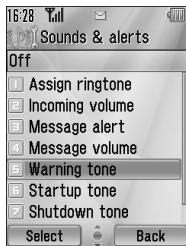
Navigating the applications

Current settings

When you highlight an item in the menu list, the current setting of the item is displayed in the bar just above the menu list.

<Example>

In the case shown to the right, the current setting of **Warning tone** is “Off”.



Menu selection method

There are several ways to select items: by using Navigation key or Left Soft key, or by entering the required number, **✖** or **#** given to the item.

<Example>

To select **Warning tone** in the display shown above:

- [**▲/▼**] to scroll to **Warning tone** → [**●**]
- [**▲/▼**] to scroll to **Warning tone** → [**□**] (Select)
- Press the menu number [5]

Keys corresponding to the menu numbers

- [1]-[9]: Menu 1-9
- [**✖**]: Menu **✖**
- [0]: Menu 0
- [**#**]: Menu **#**

Note: Direct access keys to the menus with no menu numbers/symbols are not available.

Basic Operations

Note: There are several ways to select items from menu lists. See “Menu selection method” on page 30.

Making calls

To make a call, your phone must be within the range of a network with adequate signal strength.

Standard dialling

In standby mode:

1. Enter the area code and phone number → [↵] / [●]
2. When the other party answers, talk into Microphone
3. [📞] / [□] (End) to hang up

The duration of the call is displayed.

Note: To erase a digit: [□] (Clear)

To increase the earpiece volume: [▲] / [▶] / [🔊]

To decrease the earpiece volume: [▼] / [◀] / [🔊]

If **Active flip** is set to **On** (see page 106), you can answer a call by opening the phone and end a call by closing the phone.

Auto redial

Your phone will automatically redial the number up to 10 times under certain conditions, such as no answer, destination number is busy, network busy, or some connection errors.

When your call is rejected:

1. “**Auto redial?**” → [□] (Yes) to start Auto redial
2. To stop Auto redial while redialling, [📞] / [□] (Cancel)

Contacts dialling

You can make calls using the numbers in Contacts.

➤ Main menu > **Contacts** > **Contacts list**

1. [▲/▼] to scroll to the required contact
OR
Enter letters to find a contact beginning with the specific letters
2. [↶]
3. If the card has several phone numbers stored, [▲/▼] to scroll to the required number → [●]/[□] (Call)



Recent call dialling

You can make calls using the numbers in Call log.

In standby mode:

1. [↶]
2. [◀/▶] to switch to **Dialled numbers**, **Answered calls** or **Missed calls** screen
3. [▲/▼] to scroll to the required number → [↶]

International dialling

The international prefix (+) and the destination country/region code should be entered, followed by the area code and phone number.

1. Press and hold [0] until “+” is displayed
2. Enter the country/region code
3. Enter the area code and phone number → [↶]

Note: Many countries/regions include an initial “0” in the area code. This should, in most cases, be omitted when dialling international numbers. For further help, contact your service provider.

Emergency call

To make an emergency call, your phone must be within the range of a network.

When SIM card is inserted:

1. Enter the local emergency number → []/[]

Note: Most countries support the international emergency number 112. If you find the number does not work on your phone, contact your service provider.

When SIM card is not inserted:



1. [] (Options) → Select **SOS**

Answering calls

When there is an incoming call, the phone rings and/or vibrates (depending on your phone setting). (See “Sounds & alerts” on page 102.)

When the phone is ringing and/or vibrating:

1. []/[] (Accept)

Note: If **Any key answer** is set to **On** (see page 105), you can answer a call by pressing any key except [], [], [] (Cancel), [], [] and [].

If **Active flip** is set to **On** (see page 106), you can answer a call by opening the phone and end a call by closing the phone.

Rejecting calls

When the phone is ringing and/or vibrating:

1. []/[] (Cancel)

Missed call notification

If you cannot answer a call, **Missed call** notification appears on the standby screen.

To view the Missed call list:

1. [●]/[□] (View)
2. To call back, [▲/▼] to scroll to the required log → [↶]

Alert mute

You can turn the ringing tone and/or vibration off before answering a call.

When the phone is ringing and/or vibrating:

1. When the phone is closed: [□]/[▲]/[▼]
When the phone is open: [●]
2. [↶] to answer the call

Answering a second call

When on an active call, you may receive another call.

To enable this service, Call waiting must be active. (See “Call waiting” on page 105.)

If you hear an alert tone during a call:

1. [↶]/[□] (Accept)
The first call is placed on hold.
2. [↶] to switch between the two calls if required

To reject another call:

1. [□] (End)

To end the active call and answer the incoming call:

1. [ⓧ] to end the active call
2. [↶] to answer the call

Auto answer

When you use the optional Personal Handsfree earpiece, you can answer a call automatically. To enable this service, Auto answer must be on. (See “Auto answer” on page 106.)

Silent mode

To use your phone in a quiet situation, you can activate the **Silent** mode. You can personalise the **Silent** mode setting. (See “Profiles” on page 94.)

In standby mode:

1. Press and hold [#] to activate/deactivate the **Silent** mode

Voicemail

Voicemail is a network service which allows callers, who could not reach you, to leave voice messages. You may need to subscribe to this service through your service provider. For further details, see “Voicemail” on page 70.

Retrieving stored voice messages

When a new voice message is stored, an alert sounds and (📞) appears on the display and you receive an SMS notification.

1. Press and hold [1] to call your voice mailbox
If the number is not valid, contact your service provider.
2. Follow the recorded instructions
3. [🔍] when finished

In-call operations

In-call options (while connected to an active call)

When on a call, the following options are available.

1.  (Options) → Select the required option

Hold call/Resume	Put or resume a call on hold.
From contacts	Access the Contacts list.
Create SMS	Create a new SMS message.
Inbox (SMS)	Access Inbox (SMS).
Calendar	Access Calendar.
Speaker mode/ Handheld mode	Switch to Speaker or Handheld talking mode.
Record	Record the conversation. The sound clip is saved to My Media.

Hold

You can put a call on hold.

During a call:

1.  to switch between **Hold call** and **Resume**
OR
 (Options) → Select **Hold call** or **Resume**

Handsfree talking

You can have a conversation without holding the phone to your ear.

Swapping between Speaker and Handheld mode

1.  (Options) → Select **Speaker mode** or **Handheld mode**

Volume control

You can adjust the volume of the phone earpiece, speaker or headset if attached.

To increase the volume:

1. [▲]/[▶]/[A]

To decrease the volume:

1. [▼]/[◀]/[V]

DTMF

DTMF (Dual Tone Multi Frequency) can be sent during a conversation. These are often used to access voicemail, paging and computerised home banking. For example, you may need to enter a number to remotely access voicemail messages. A phone number may be stored in the Contacts card together with a DTMF sequence, allowing the number to be dialled upon recall and the DTMF sequence to be sent automatically.

To send DTMF during a call:

1. Enter digits [0]-[9], [✳] or [#]

Pause dial

Using pauses allows you to send DTMF automatically.

1. Enter the phone number
2. Press and hold [#] until a “p” is displayed
3. Enter the DTMF digits after the pause, e.g. enter the number to access voicemail messages
4. [↶]/[●]

When the call is connected, the DTMF sequence is sent after 3 seconds.

Making a second call

You can make another call while on a call.

During a call:

1. Enter the second phone number or select a phone number from the Contacts list

To access Contacts list, see “In-call operations” on page 36.

2. 

The first call is put on hold.

3.  to switch between the two calls if required

Multiple calls operations

In-call options (while on multiple calls)

When on more than one call, the following options are available.

1.  (Options) → Select the required option

Swap	Switch between one active and one held call.
Merge	Enable multi-party conversation when two calls are connected (one active, one on hold). See “Conference” on page 39.
From contacts	Access the Contacts list.
Create SMS	Create a new SMS message.
Inbox (SMS)	Access Inbox (SMS).
Calendar	Access Calendar.
Speaker mode/ Handheld mode	Switch to Speaker or Handheld talking mode.
Record	Record the conversation. The sound clip is saved to My Media.

Conference

You can have a conversation with up to 5 different parties at the same time.

During a call (one active call and one call on hold):

1. [☐] (Options) → Select **Merge**

The 2 calls are joined into a Conference call.

To add new participants:

2. Call the next person or answer an incoming call
3. [☐] (Options) → Select **Merge**

To end the Conference call:

4. [🔇]

To split the caller from the Conference call and talk privately:

During a Conference call:

1. [☐] (Options) → Select **Conference call**
2. [▲/▼] to scroll to the required caller you wish to talk to
3. [☐] (Options) → Select **Split**

The remaining callers can continue with the Conference call.

4. To end the private call and rejoin the Conference call, [☐] (Options) → Select **Merge**

Text entry

Input method

Your phone provides three text input methods to enter characters.

T9®	A predictive text entry system. You can enter a word with fewer key presses.
Multi-tap	A traditional way to type in a letter. Press a key several times until the required letter appears.
Numeric	You can enter numbers (0-9), *, # and +.

An icon on the upper left of the screen shows the current input method and letter case.

Input method	Icon	Letter case
T9®	T9↑	Automatic
	T9†	Upper case
	T9	Lower case
Multi-tap	Abc	Automatic
	ABC	Upper case
	abc	Lower case
Numeric	123	-

Changing the input method

Press and hold [✖] to cycle through the input methods as follows.
T9 (T9↑) → Multi-tap (Abc) → Numeric (123)

Changing the letter case

Press [✖] repeatedly until the icon for the required letter case mode appears.

Auto capital change

When the letter case is set to Automatic (T9↑ and Abc), the first character is entered as upper case and subsequent letters as lower case.

When one of the following characters [. (Period) ! ?] is entered, the next character is entered as upper case.

T9[®] text input method

The T9[®] text input method enables you to enter text faster and easier. You only need to press a key once for any letter you require on that key. The program searches its built-in dictionary to predict the word that most closely matches your key presses.

1. In text entry screen, press a key once for any letter you require on that key
2. Continue pressing other keys until the end of a word is reached
3. Select the required word

OR

If the required word is not in the dictionary, “?” is displayed after the word.

[] (Spell) → Enter the correct word → []/[] (Add)

The word is added to the internal dictionary automatically.

For example, to enter “Hello!”, press keys as follows.

Key	[4]	[3]	[5]	[5]	[6]	[1]	[▼] x 4
Display	I	He	GeI	Hell	Hello	Hello.	Hello!

My dictionary

Words that you enter in My dictionary are added to the internal dictionary so that they are suggested next time.

To add words to My dictionary:

1. In text entry screen, [] (Options) → Select **My dictionary**
2. Enter a word → []/[] (Add)

Editing text

Inserting/deleting text

Move the cursor by pressing [▲/▼/◀/▶] to the position you want to insert or delete a letter. Press [□] (Clear) to delete a character. Press and hold [□] (Clear) to delete all the characters.

Copying/cutting/pasting text

1. [□] (Options) → Select **Copy** or **Cut**
2. [▲/▼/◀/▶] to move to the text you wish to copy or cut
3. [●]/[□] (Start) → [▲/▼/◀/▶] to highlight the text → [●]/[□] (Stop)
4. [▲/▼/◀/▶] to move to a new required location
5. [□] (Options) → Select **Paste**

Options

When entering text, the following options may be available by pressing [□] (Options).

Use contacts*¹	Access Contacts menu to use Contacts data.
Copy/Cut/Paste	See “Copying/cutting/pasting text” on page 43.
Add symbol	Show the Symbol list from which you can select any symbol available on your phone.
Input method	Select the input method.
T9 on/off*¹	Turn On or Off the predictive dictionary.
Input language*¹	Select a language you wish to write in.
My dictionary	Add words to the internal dictionary.
Exit	Exit the text edit mode.

*¹ Depends on each application.

Basic Operations

The following table shows characters available on your phone. The characters vary depending on the **Input language** setting (see page 43).

Key	Input method (Input language: English)		
	T9® (T9↑, T9↓ or T9)	Multi-tap (Abc, ABC or abc)	Numeric (123)
[0]	Space		0 (Press and hold) +
[1]	., - ? ! ' @ ; : / 1	., ? ! " - : ; @ / * () # + _ = [] { } ' i ç & % ^ ~ < > € ¢ £ \$ ¥ ¢ § ` (Space) ⌫ (Linefeed)	1
[2]	A B C 2 (a b c 2)	A B C 2 Γ Á Â Ã Ä Å Æ Ç (a b c 2 α β γ á â ã ä å æ à á â)	2
[3]	D E F 3 (d e f 3)	D E F 3 Δ É Ê (d e f 3 δ ε ζ è é ê)	3
[4]	G H I 4 (g h i 4)	G H I 4 Θ Í (g h i 4 η θ ι ï)	4
[5]	J K L 5 (j k l 5)	J K L 5 Λ (j k l 5 κ λ μ)	5
[6]	M N O 6 (m n o 6)	M N O 6 Ξ Ñ Ó Ô Õ Ø Ò Õ (m n o 6 ν ξ ó ô õ ö ø ò ô õ)	6
[7]	P Q R S 7 (p q r s 7)	P Q R S 7 Π Σ (p q r s 7 π ρ σ ς β)	7
[8]	T U V 8 (t u v 8)	T U V 8 Φ Ú Û Ü (t u v 8 τ υ φ ú û ü ü)	8
[9]	W X Y Z 9 (w x y z 9)	W X Y Z 9 Ψ Ω (w x y z 9 χ ψ ω)	9
[*]	Letter case change		*
	(Press and hold) Input method change		
[#]	., ? ! " - : ; @ / * () # + _ = [] { } ' i ç & % ^ ~ < > € ¢ £ \$ ¥ ¢ § ` (Space) ⌫ (Linefeed)		#
	(Press and hold) Linefeed		

Shortcut: To enter numbers while in T9 or Multi-tap method, press and hold the required numeric key [0]-[9].



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*1



Note: There are several ways to select items from menu lists. See “Menu selection method” on page 30.



Viewing the Contacts list

You can search for a phone number in the Contacts list. All the numbers stored in the phone and SIM card are displayed.

Searching for a contact

➤ Main menu > **Contacts** > **Contacts list**

1. [▲/▼] to scroll to the required contact
OR

Enter letters to find a contact beginning with the specific letters

2. To view the Contacts card, [●]



Options

In the Contacts list, the following options are available by pressing [□] (Options).

View	View the selected Contacts card.
Call	Call the selected contact.
Create message	Create an SMS or MMS , and send it to the selected contact. See “Creating a new message” on page 58.
Edit	Edit the selected contact. See “Editing a Contacts card” on page 50.
Search	Search a contact by entering characters.
Add contact	Add a new contact. See “Adding contacts” on page 48.
Delete	Delete the selected contact.



Speed dial	Assign the selected contact to a Speed dial. See “Assigning speed dial keys” on page 52.
Copy to phone/SIM	Copy the selected contact to the phone or the SIM card.
Send via infrared	Send the selected contact to another device via infrared. See “Infrared” on page 108.

Making a call from Contacts

➡ Main menu > **Contacts** > **Contacts list**

1. [▲/▼] to scroll to the required contact

OR

Enter letters to find a contact beginning with the specific letters

2. [↶]
3. If the card has several phone numbers stored, [▲/▼] to scroll to the required number → [●]/[□] (Call)



Adding contacts

Storing a contact in your phone

In the phone, you can store detailed information for each contact. The entries are retained even if you damage your SIM card.

➔ Main menu > **Contacts** > **Add contact** > **Phone**

1. [▲/▼] to scroll to the required field → [●]
2. Enter information → [●]
To enter characters, see “Text entry” on page 40.
3. When entries are completed, [□] (Save)

	First name*¹	Enter the first name.
	Last name*¹	Enter the last name.
	Mobile number*¹	Enter the phone numbers.
	Home number*¹	
	Work number*¹	
	Mobile email*¹	Enter the e-mail addresses.
	Personal email*¹	
	Work email*¹	
	Birthday	Enter the contact's birthday.
	Postal address	Enter Additional info, No./street, Postal code, City, State and Country.
	Note	Enter notes.



	Ringtone	Select the required ringtone from <Default> or My Media . To download a ringtone, select Download * ² .
	Message alert	Select the required Message alert from <Default> or My Media . To download a Message alert, select Download * ² .
	Illuminations	Select <Default> or the required illumination colour.
	Picture	Select the required picture.
	Group	Select the required group.

*¹ The contact entry can be saved when at least one of the items is filled.



Note: If a picture in My Media is attached to a Contacts card, it appears on the screen when the contact calls you. When the picture is set to be attached to a Contacts card, the phone saves the picture resized for the Contacts card if the picture is larger than the display size.

For downloading information, visit <http://box.panasonic.com/>



Contacts

Storing a contact in your SIM card

You can store some information for each contact in your SIM card.

➤ Main menu > **Contacts** > **Add contact** > **SIM**

1. [▲/▼] to scroll to the required field → [●]
2. Enter information → [●]

	Name	Enter the name.
	Tel number	Enter the phone number.

3. [□] (Save)

Note: The length of name and number, and the total amount of data are SIM dependent.

Storing a contact from Call log

See “Saving a phone number from Call log” on page 51.

Editing a Contacts card

➤ Main menu > **Contacts** > **Contacts list**

1. Highlight the required Contacts card (See “Searching for a contact” on page 46.)
2. [□] (Options) → Select **Edit**
3. Edit the required entry → [□] (Save)



Call log

Recently dialled phone numbers, answered calls and missed calls are stored in Call log. The numbers in the Call log list can be used to call, send a message or add to Contacts.

Viewing/Dialling from Call log

➡ Main menu > **Contacts** > **Call log**

1. [◀/▶] to move to **Dialled numbers**, **Answered calls** or **Missed calls**
2. [▲/▼] to scroll to the required log → [●]
3. [●] to call

Shortcut: You can directly view the **Dialled numbers** list by pressing [↵] in standby mode.

Saving a phone number from Call log

➡ Main menu > **Contacts** > **Call log**

1. [◀/▶] to move to **Dialled numbers**, **Answered calls** or **Missed calls**
2. [▲/▼] to scroll to the required phone number
3. [□] (Options) → Select **Add to contacts**
4. Select **New** or **Add**
5. If **New** is selected: Enter other information
If **Add** is selected: Highlight the required contact → [□]
(Select) → If there is no empty field, "**Would you like to replace?**" → [●]/[□] (Yes) → Select the number you want to replace in Phone Contacts
6. [□] (Save)



Options

In each Call log list, the following options are available by pressing [□] (Options).

Call	Call the selected number.
Create message	Create an SMS or MMS message to the selected number.
Add to contacts	Store the selected number to Contacts. See “Saving a phone number from Call log” on page 51.
Delete	Delete the selected number.
Delete all	Delete all the logs in the list.

Speed dial

You can quickly dial phone numbers by pressing keys 2-9.

Assigning speed dial keys

➤ Main menu > **Contacts** > **Speed Dial list**

1. [▲/▼] to scroll to the required key → [●]
2. Enter phone number → [●]

To assign a speed dial key to a contact:

➤ Main menu > **Contacts** > **Speed Dial list**

1. [▲/▼] to scroll to the required key → [□] (LookUp)
2. Highlight the required contact → [□] (Select)
3. If the card has several phone numbers stored, [▲/▼] to scroll to the required number → [●]/[□] (Select)

Using the speed dial keys

In standby mode:

1. Press and hold a speed dial key ([2]-[9]) → [□] (Call)



Groups

You can categorise the Contacts list stored in your phone into 20 groups.

Viewing group members

➡ Main menu > **Contacts** > **View groups**

1. Select the required group

The contacts in the selected group are displayed.

Renaming a group

➡ Main menu > **Contacts** > **View groups**

1. [▲/▼] to scroll to the required group → [□] (Rename)
2. Enter a new group name → [●]

Advanced

Synchronisation

You can synchronise your Contacts list with your network server. You can just send changes or send all your records to the network server. For further details, see “Synchronisation” on page 110.

To send only changes to the network server:

➡ Main menu > **Contacts** > **Advanced** > **Synchronisation** > **Modified contacts**

The phone confirms completion.

To send all your records to the network server:

➡ Main menu > **Contacts** > **Advanced** > **Synchronisation** > **All contacts**

The phone confirms completion.



My number

You can store your own numbers in the phone and SIM card.

Storing numbers in Mobile profile

➤ Main menu > **Contacts** > **Advanced** > **My number** > **Mobile profile**

1. [●]/[□] (Create)
2. Repeat steps 1-3 in “Storing a contact in your phone” on page 48

Storing numbers in SIM profile

➤ Main menu > **Contacts** > **Advanced** > **My number** > **SIM profile**

1. When the profile is empty: [●]/[□] (Create)
When the profile has the stored number(s): [□] (Options) →
Select **Create**
2. Repeat steps 1-3 in “Storing a contact in your SIM card” on page 50

Options

When viewing My profile, the following options are available by pressing [□] (Options).

Edit	Edit the profile.
Create*¹	Create a new profile.
Delete	Delete the profile.
Send via infrared	Send the profile via infrared.

*¹ Available only for SIM profile.



Displaying the Contacts list sorted by last name/first name

You can choose to sort the Contacts list by contact's last name or first name.

- Main menu > **Contacts** > **Advanced** > **Display by**
1. Select **First name** or **Last name**

Memory status

You can see the amount of memory available in the Contacts list.

- Main menu > **Contacts** > **Advanced** > **Memory status**

Note: The amount of memory for SIM storage depends on your SIM card.
To decrease the amount of phone memory used, delete unwanted data or store data on your PC (see "USB" on page 114).

Copying contacts

You can copy all the contacts from SIM card to phone, or from phone to SIM card.

Copying all the contacts from SIM card to phone

- Main menu > **Contacts** > **Advanced** > **Copy all from SIM**
1. "Copy?" → ☒ / ☐ (Yes)

Copying all the contacts from phone to SIM card

- Main menu > **Contacts** > **Advanced** > **Copy all to SIM**
1. "Only Name and Number fields can be copied. Continue?"
→ ☒ / ☐ (Yes)



Deleting Phone Contacts

You can delete all the contacts stored in your phone.

➤ Main menu > **Contacts** > **Advanced** > **Delete all**

1. “Delete all contacts in phone?” → [] (Yes)
2. “Are you Sure?” → [] (Yes)

Service numbers

If your SIM card includes SDN (Service Dialling Number), you can call a service number by selecting from the list.

SDN enables you to access special services provided by your network operator, such as customer support, emergency services, etc.

➤ Main menu > **Contacts** > **Service numbers**

1. [▲ / ▼] to scroll to the required item → [●] / [] (Call)



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------------------------------------	-----------

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Note: There are several ways to select items from menu lists. See “Menu selection method” on page 30.



Creating a new message

Messaging types

SMS	Short Message Service allows you to send and receive short text messages on any network that has roaming agreement. (Dependent on the recipient's phone parameters.) With the Illumination feature, you can express special feelings in a message.
MMS	Multimedia Messaging Service allows you to send messages containing text, pictures, sound and video clips from your phone to other MMS-enabled phones or e-mail addresses. The recipient can play it as a slide show.

Note: The message centre number for SMS should be preprogrammed on the SIM card. Changing this number (see **Message centre** setting on page 71) may cause failure of a text message.

Your phone may have already been set with an MMS profile when purchased. To change the settings of the profile, see **Advanced** setting on page 72.

Sending or editing of a forward locked picture/sound clip/video clip indicated by the icon (🔒) is restricted.



Creating an SMS message

➡ Main menu > **Messages** > **Create new** > **SMS message**

1. Create text message → [●]
See "Text entry" on page 40 for entering text.
2. To enter recipient's phone number directly: Enter number
To select recipient's phone number from Contacts: [●] → Highlight the required contact → [□] (Select) → If the card has several phone numbers stored, [▲/▼] to scroll to the required number → [●]/[□] (Select)
3. [●] to send the message

Creating an Illumination message with emoticons

With the Illumination feature, you can express special feelings in a message. The Indicator/Illumination Light responds to the pictographs in an Illumination message and light in combinations of colours and light patterns when you receive and view an Illumination message.

➡ Main menu > **Messages** > **Create new** > **SMS message**

1. Create text message
2. [□] (Options) → Select **Templates**
3. Select **Illumination templates**
4. Select the required emoticon

See "Emoticon list" on page 60.

To preview the Illumination of the messages you create:

[□] (Options) → Select **Preview illumination**

Note: Only recipients who have an Illumination message capable phone can view messages with Illumination.



Messages

Emoticon list

Emoticon	Indicator Colour	Light Pattern
:~)	Colour 3	A
:-D		
>:-<		
:~	Colour 6	B
:*		
0:-)		
:-P	Colour 1	A
:'(		
:-('		
:~	Colour 5	B
:-S		
:-[		
:~>	Colour 2	A
8~)		
=:~)		
:-0	Colour 4	B
:(')		
:~		
l~('	Colour 7	C
;-)		
;-)		

Emoticon	Indicator Colour	Light Pattern
\^o^/	Colour 3	A
(^_^)		
\(>o<)/		
(>~<#)	Colour 6	B
^3^		
(o^~^o)		
(*~o~*)	Colour 1	A
(;~;)		
(T_T)		
(?_?)	Colour 5	B
(>~<)		
(~_~;		
(^w^)	Colour 2	A
^&^		
(@_@)		
(*o*)	Colour 4	B
p(^~^~)p		
(~_~)		
(~_~)Zzz	Colour 7	C
(^~^)"		
(^~^)"		

- Pattern A: [Firefly] flickers slowly for about 4 seconds.
- Pattern B: [Flash] flickers fast for about 3 seconds.
- Pattern C: [Beam] lights for about 3 seconds.



Options

When creating a text message, the following options are available by pressing [] (Options).

Send	Send the text as an SMS message.
Send to many	Send the text to more than one recipients.
Preview illumination	Preview illumination message.
Templates	Select Illumination templates to create an illumination message or User templates to use the stored text templates.
Count message	The long message may be divided into several messages. You can check the concatenated message number.
Save	Save the message in Unsent folder.
Use contacts	Access Contacts menu to use Contacts data.
Copy/Cut/Paste	Copy, cut or paste the text.
Add symbol	Show the Symbol list from which you can select any symbol available on your phone.
Input method	Select the input method.
T9 on/off	Turn On or Off the predictive dictionary.
Input language	Select a language you wish to write in.
My dictionary	Add words to the internal dictionary.
Exit	Exit the text edit mode.



Creating an MMS message

➤ Main menu > **Messages** > **Create new** > **MMS message**

1. Select **Add picture**, **Add text**, **Add sound** or **Add video**
2. If **Add text** is selected: Create text message → [●]

See "Text entry" on page 40 for entering text.

If **Add picture/Add sound/Add video** is selected: Select the required item stored to My Media → [□] (Select)

You can also download new files, take new pictures, record new sound or video clips for the MMS message.

3. To add more than one picture, text, sound or video clip, [▲/▼] to scroll to **Slides** → [●] → [●]/[□] (Yes)
4. Repeat steps 1-3 if required

To send the message:

5. [□] (Options) → Select **Send**
6. [▲/▼] to scroll to **Add subject** → [●]
7. Enter subject → [●]
8. [▲/▼] to scroll to **Add recipient** → [●]
9. Select **From contacts**, **Enter number** or **Enter email address**
10. If **From contacts** is selected: Highlight the required contact → [□] (Select) → If the card has several numbers stored, [▲/▼] to scroll to the required number → [●]/[□] (Select)
If **Enter number/Enter email address** is selected: Enter number/email address → [●]
11. [▲/▼] to scroll to **Send** → [●]

Note: When you select **Add video** and record a new video clip in step 2, the recording time is fixed to **For MMS sending**.

You cannot attach a video clip together with a picture file or sound clip to one slide.

For downloading information, visit <http://box.panasonic.com/>



Slide options

When **Slides** is highlighted, the following options are available by pressing [] (Options).

Add new	Add a new slide.
Send	Send the MMS message after entering subject and recipient number or address.
Slide duration	Specify duration of the slide.
Remove slide	Remove the slide from the MMS message.
Preview slide	Preview the MMS message as a slide.

Receiving messages

Receiving SMS messages

When you receive a new SMS message, the message icon () is displayed along with a tone, illumination, and/or vibration. The SMS notification also appears on the standby screen.

Reading SMS messages

When an SMS notification is displayed on the standby screen:

1. [] / [] (View)
*If there is more than one notification, [] / [] to scroll to **New SMS** before step 1.*
If there is one SMS message, the message is automatically displayed.
2. If there is more than one SMS message, [] / [] to scroll to the required message header in SMS Inbox → []
3. When the message is displayed, [] to show the message details (sender's number, date, message centre's number) if required



Messages

Receiving MMS messages

When you receive a new MMS message, the message icon () is displayed along with a tone, illumination, and/or vibration. The received MMS messages are stored in Inbox.

Reading MMS messages

To read the received MMS messages, see “Inbox” on page 64.

Note: If you do not want to receive MMS messages automatically, select **Never** in **Auto download** setting (see page 72). In this case, you will receive a message notification first, and then you will need to receive messages manually.

Inbox

Inbox stores received SMS and MMS messages.

➤ Main menu > **Messages** > **Inbox**

Numbers in brackets show the number of unread messages and the total number of messages in each inbox.





SMS Inbox

SMS message icons



Unread message



Read message

Reading SMS messages

☞ Main menu > **Messages** > **Inbox** > **SMS**

1. [▲/▼] to scroll to the required message header → [●]
2. [●] to show the message details (sender's number, date, message centre's number) if required

Options

When viewing the list of messages or the selected message, the following options are available by pressing [□] (Options).

Reply	Create reply message in SMS or MMS .
Forward	Forward the selected message.
Call	Call the sender's number.
Add to contacts	Store the sender's number to Contacts.
Use detail*¹	Use phone number, e-mail or web address in the selected message to call, create message, add to Contacts, etc.
Delete	Delete the selected message.
Delete all*²	Delete all the SMS messages.
View illumination*¹	Check the illumination of the message.

*¹ Available only when viewing the selected message.

*² Available only when viewing the list of messages.



Messages

MMS Inbox

MMS message icons



Unread message



MMS notification



Read message

Reading MMS messages

➤ Main menu > **Messages** > **Inbox** > **MMS**

1. [▲/▼] to scroll to the required message header → [●]

Options in the message list

When viewing the list of messages, the following options are available by pressing [□] (Options).

Reply	Create reply message by SMS or MMS .
Reply to all	Create reply message to all recipients.
Forward	Forward the selected message.
Call	Call the sender's number.
Add to contacts	Store the sender's number or e-mail address to Contacts.
Delete	Delete the selected message.
Delete all	Delete all the MMS messages and notifications.
Protect/Unprotect	Protect or unprotect the selected message.
Details	Show details for the selected message.

Note: Sending or editing of a forward locked file indicated by the icon (➡X) is restricted.



Options while viewing messages

When viewing the message, the following options are available by pressing [] (Options).

Reply	Create a reply message by SMS or MMS .
Reply to all	Create a reply message to all the recipients.
Play again	Play the selected message.
Message font size*¹	Select the required font size.
Save picture	Save the attached picture to My Media.
Save sound	Save the attached sound clip to My Media.
Save video	Save the attached video clip to My Media.
Use detail	Use the phone number, e-mail or web address in the selected message to call, create message, add to Contacts, etc.
Attached files	Show the attached files.



Options for notification

When the notification is highlighted, the following options are available by pressing [] (Options).

Receive	Receive new messages.
Forward	Forward the message.
Reject	Delete the notification from the message list and the message from the server.
Call	Call the sender's number.
Delete all	Delete all the MMS messages and notifications.
Protect/Unprotect	Protect or unprotect the message.
Details	Show details for the selected message.



Archive

Archive stores SMS and MMS messages that are sent or waiting to be sent.

SMS	Sent	Store sent SMS messages.
	Unsent	Store undelivered and unfinished SMS messages.
MMS	Sent	Store sent MMS messages.
	Outbox	Store undelivered MMS messages.
	Drafts	Store unfinished MMS messages.

Viewing messages

➤ Main menu > **Messages** > **Archive** > **SMS** or **MMS**

1. Select the required folder
2. [▲/▼] to scroll to the required message → [●]

Options for SMS

In Sent and Unsent folders, the following options are available by pressing [□] (Options).

Send	Send the selected message.
Call	Call the sender's number.
Use detail* ¹	Use phone number, e-mail or web address in the selected message to call, create message, add to Contacts, etc.
Delete	Delete the selected message.
Delete all* ²	Delete all the SMS messages in the folder.
View illumination* ¹	Check the illumination of the message.

*¹ Available only when viewing the selected message.

*² Available only when viewing the list of messages.



Options for MMS

In Sent, Outbox and Drafts folders, the following options are available by pressing [] (Options).

Edit	Edit the selected message.
Forward*¹	Forward the selected message.
Send*²	Send the selected message.
Delete	Delete the selected message.
Delete all	Delete all the messages in the folder.
Protect/Unprotect	Protect or unprotect the selected message.
Details	Show details for the selected message.

*¹ Available only in Sent folder.

*² Available only in Outbox and Drafts folder.

Web mail

Web mail is an innovative service that lets you stay up-to-date with all of your messages. You need to subscribe to this service. For further information, contact your service provider.

Connecting to internet mail

 Main menu > **Messages** > **Web mail**

Your phone is connected to the Internet via a WAP connection to retrieve e-mail messages.

1. Follow the screen contents



Chat

Chat lets you enjoy the fun of instant messaging wherever you are. It's the fun way to chat on-line. For further information, contact your service provider.

➔ Main menu > **Messages** > **Chat**

1. Follow the screen contents

Voicemail

Voicemail is a network service which allows callers, who could not reach you, to leave voice messages. You may need to subscribe to this service. For further information, contact your service provider.

Retrieving stored voice messages

When a new voice message is stored, an alert sounds and (📞) appears on the display, and you receive an SMS notification.

When an SMS notification is displayed on standby screen:

1. [📞]/[📠] (Call)
2. Follow the recorded instructions

OR

➔ Main menu > **Messages** > **Voicemail** > **Call Voicemail**

1. Follow the recorded instructions

Shortcut: You can also press and hold [1] in standby mode to call your voice mailbox.

Changing the voice mailbox number

➔ Main menu > **Messages** > **Voicemail** > **Set mailbox number**

1. Enter new voice mailbox number → [📞]/[📠] (Ok)



Messages settings

SMS settings

☞ Main menu > **Messages** > **Messages settings** > **SMS**

1. Select the required setting

Message lights	Decide whether or not you want the Indicator/Illumination Light to illuminate when receiving an illumination message.
Message lights view	Decide whether or not you want the Indicator/Illumination Light to illuminate when viewing an illumination message.
Message centre	Edit the message centre number.
Message type	Select the required message type.
Validity period	Set a time period for the message centre to attempt message delivery. Select 1 hour, 12 hours, 1 day, 1 week, 1 month, 3 months or Maximum .
Delivery report	Select On to receive delivery reports.
Store sent SMS	Select On to store sent messages to the Sent folder.
Message font size*¹	Select the required font size.
Bearer type	Select the data bearer type.
One push SMS	Select On to display new SMS messages by opening the flip.





MMS settings

➤ Main menu > **Messages** > **Messages settings** > **MMS**

1. Select the required setting

Reports	Select Request read (check if the other party has read the message), Send read (inform the other party that you have read the message when asked), Request delivery (check if the other party has received the message) or Send delivery (inform the other party that you have received the message when asked).
Priority	Select Low , Normal or High for the message priority level.
Validity period	Set a time period for the message centre to attempt message delivery. Select 1 day , 7 days or Maximum .
Auto download	Select Always on (messages are retrieved automatically after receiving message notifications), On when home (messages are retrieved automatically in your service area) or Never (messages are retrieved manually).
Player mode	Select Auto (display MMS slides, or playback video/sound clips automatically) or Manual (display MMS slides, or playback video/sound clips manually).
Message font size*¹	Select the required font size.
Advanced	If required, edit the information on Message server , WAP profiles , Fetch on server*¹ and Anonymous reject*¹ . Select Information to view MMS software information.

*1





Memory status

You can see the amount of memory available for storing messages.

➡ Main menu > **Messages** > **Memory status** > **SMS** or **MMS**

Note: To decrease the amount of phone memory used, delete unwanted data or store data on your PC (see “USB” on page 114).



Camera

Camera menu structure

Picture..... 75

Video 81

Note: There are several ways to select items from menu lists. See “Menu selection method” on page 30.



Picture

You can take a picture with the built-in camera, and send them via MMS or infrared, or use them as wallpaper. You can also attach a picture to a contact stored in your phone.

Picture preview screen



Icons on picture preview screen

	Zoom level (1-25)
	Picture size (Extra large/Large/Medium/Small/Main display)
	Image quality (Super fine/Fine/Normal)
	Multi shot mode
	Self timer (5 or 10 seconds delay)
	Night mode
	Brightness level (-2, -1, ±0, +1, +2)



Taking a picture

➤ Main menu > **Camera** > **Picture**

1. The display acts as a viewfinder. Move the phone around to frame your subject
2. [●]/[□] to capture the image

Operations after taking a picture

To save the image to My Media: [□] (Save)

To return to the preview screen without storing the image: [□]
(Delete)

To send the captured image via MMS: [●] → See “Creating an MMS message” on page 62

Taking a self-portrait

You can take your self-portrait using Self-portrait Mirror.

➤ Main menu > **Camera** > **Picture**

1. Close the flip. Look at yourself in Self-portrait Mirror
2. [□] on the side of the phone
3. Open the flip. The image appears on the display. For further operation, see “Operations after taking a picture” on page 76

Shortcut: To directly open the picture preview screen, press and hold [□] in standby mode.

Caution: To avoid impairing camera performance, DO NOT leave the phone with the camera facing direct sunlight.



Note: To send a picture via infrared or use as wallpaper, save the image once, and then go to My Media. (See “Pictures” on page 130.)

If the camera is left in certain conditions including the preview screen and capture screen for 3 minutes, the phone automatically exits Picture mode. If left in the preview screen, but with the options menu displayed, the phone remains in this state.

If certain situations such as receiving calls occur during camera operation, the phone exits Camera mode. If a captured image is on the screen, it is saved to My Media.

Zoom

[▲]/[⏏] to zoom in one level

[▼]/[⏏] to zoom out one level

You can also press and hold the keys to quickly reach the required zoom level.

Note: Zoom function may not be available when the picture size is set to **Extra large 1280x1024**.

Adjusting the brightness level

The picture brightness indicator shows the current brightness level.

[▶] to increase the brightness level

[◀] to decrease the brightness level

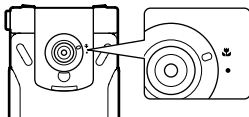


Camera

Taking close-up pictures

You can take sharp pictures from a close distance by using Macro Mode. (Macro focus range: 10 cm)

Turn the Macro Mode switch anticlockwise to (🌸) before taking close-up pictures.



Viewing pictures

Pictures taken with the built-in camera are saved to My Media. To view the saved pictures, see “Viewing pictures” on page 130.

Picture settings

In the preview screen, the following options are available by pressing [📷] (Options).

Picture size	Select the required size from Extra large 1280x1024 , Large 640x480 , Medium 320x240 , Small 160x120 or Main display 240x320 .
Image quality	Select the required quality from Super fine , Fine or Normal .
Night mode	Select On to take a picture in low light conditions.
Multi shot mode	15 continuous shots is available. See “Continuous shooting” on page 80.
Effect	Select the required colour from Normal , Sepia , Monochrome or Negative .
Self timer	Select the amount of time delay you require for shooting from Off , 5 seconds or 10 seconds .
Shutter sound	Select the required sound from Pattern 1-5 .



Switch to video	Switch from Picture mode to Video mode.
Available space	Show the number of files which can be saved in the current picture size and image quality. You can see the number of files which can be saved in other image qualities by pressing [] (Quality), and in other picture sizes by pressing [▲/▼].
Set to default	Reset the current picture settings to default.
Help	Show direct key operation in the preview screen.

Direct key operation

You can change the picture settings by pressing one of the numeric keys which correspond to the functions as follows. Some functions are depicted by the icon. See “Icons on picture preview screen” on page 75.

[1]: **Switch to video**

[2]: **Picture size**

[3]: **Image quality**

[4]: **Multi shot mode**

[5]: **Self timer**

[6]: **Night mode**

[7]: **Effect**

[0]: **Help**

Adding a picture to Contacts card

If a picture is attached to a Contact card, it appears on the screen when the contact calls you.

To attach a picture to a contact, save the image once, and then go to Contacts. See “Adding contacts” on page 48.



Continuous shooting

In Multi shot mode, you can capture a succession of 15 images with just one press. When you set Multi shot mode on, the picture size is fixed to **Medium 320x240** and Night mode off.

➔ Main menu > **Camera** > **Picture**

1. [] (Options) → Select **Multi shot mode**
2. Select **On**
3. []/[] to shoot

The captured images are displayed as thumbnails.

Note: You cannot take pictures in Multi shot mode when the phone is closed. Once you close the phone, Multi shot mode is switched off.

To view the captured images:

[]/[]/[]/[] to scroll to the required thumbnail → []

You can view the next image by pressing [] or [], and the previous image by pressing [] or [].

To save a captured image:

1. When the required thumbnail is highlighted or the required image is displayed on the screen, [] (Options) → Select **Save this one only**

The picture is stored to My Media.

To save all the captured images:

1. In thumbnail screen or when one of the images is displayed on the screen, [] (Options) → Select **Save all pictures**
OR

When one of the images is displayed on the screen, []

All the pictures are stored to My Media.

Note: All the captured images are also saved by pressing [] on thumbnail screen or when one of the images is displayed on the screen.



Video

You can record video clips with the built-in camera, and send them via MMS or infrared.

Video preview screen



Icons on video preview screen

	Zoom level (1-25)
	Recording time (Extended video/For MMS sending)
	Self timer (5 or 10 seconds delay)
	Brightness level (-2, -1, ± 0 , +1, +2)



Recording a video clip

➤ Main menu > **Camera** > **Video**

1. Main display acts as a viewfinder. Move the phone around to frame your subject
2. [●]/[] to start recording
3. Video recorder records until reaching the clip size limit or until you press [●]/[]/[] (Stop)
4. Select the required action

Playback	Playback the recorded video clip.
Save to My Media	Save the recorded video clip to My Media.
Send as MMS	Attach the recorded video clip to an MMS message. See “Creating an MMS message” on page 62.

Caution: To avoid impairing camera performance, DO NOT leave the phone with the camera facing direct sunlight.

Note: To send a video clip via infrared, save the video clip once, and then go to My Media. (See “Videos” on page 137.)

If the video is left in the preview screen or a recorded video clip is displayed for 3 minutes, the phone automatically exits Video mode. If left in preview screen, but with the options menu displayed, the phone remains in this state.

If certain situations such as receiving calls occur during camera operation, the phone exits Camera mode. The recording ends automatically, and the already recorded video clip is saved to My Media.